

*Serial Number: 09/942,336A

ENTERED

CRF Processing Date: 2/4/2002
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

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FEB 06 2002

TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#5



1645

RAW SEQUENCE LISTING

DATE: 02/04/2002

PATENT APPLICATION: US/09/942,336A

TIME: 20:43:14

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02042002\I942336A.raw

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3 <110> APPLICANT: Ashizawa, Tetsuo
4     Matsuura, Tohru
6 <120> TITLE OF INVENTION: DNA Test for SCA-10
8 <130> FILE REFERENCE: P02039US1/10023139
10 <140> CURRENT APPLICATION NUMBER: US 09/942,336A
11 <141> CURRENT FILING DATE: 2001-08-29
13 <150> PRIOR APPLICATION NUMBER: US 60/229,406
14 <151> PRIOR FILING DATE: 2000-08-31
16 <160> NUMBER OF SEQ ID NOS: 13
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 475
22 <212> TYPE: PRT
23 <213> ORGANISM: HUMAN
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28 1             5             10             15
31 Pro Ala Pro Ile Gln Asp Leu Glu Ala Leu Arg Ala Leu Thr Ala Leu
32             20             25             30
35 Phe Lys Glu Gln Arg Asn Arg Glu Thr Ala Pro Arg Thr Ile Phe Gln
36             35             40             45
39 Arg Val Leu Asp Ile Leu Lys Lys Ser Ser His Ala Val Glu Leu Ala
40             50             55             60
43 Cys Arg Asp Pro Ser Gln Val Glu Asn Leu Ala Ser Ser Leu Gln Leu
44 65             70             75             80
47 Ile Thr Glu Cys Phe Arg Cys Leu Arg Asn Ala Cys Ile Glu Cys Ser
48             85             90             95
51 Val Asn Gln Asn Ser Ile Arg Asn Leu Asp Thr Ile Gly Val Ala Val
52             100            105            110
55 Asp Leu Ile Leu Leu Phe Arg Glu Leu Arg Val Glu Gln Glu Ser Leu
56             115            120            125
59 Leu Thr Ala Phe Arg Cys Gly Leu Gln Phe Leu Gly Asn Ile Ala Ser
60             130            135            140
63 Arg Asn Glu Asp Ser Gln Ser Ile Val Trp Val His Ala Phe Pro Glu
64 145            150            155            160
67 Leu Phe Leu Ser Cys Leu Asn His Pro Asp Lys Lys Ile Val Ala Tyr
68             165            170            175
71 Ser Ser Met Ile Leu Phe Thr Ser Leu Asn His Glu Arg Met Lys Glu
72             180            185            190
75 Leu Glu Glu Asn Leu Asn Ile Ala Ile Asp Val Ile Asp Ala Tyr Gln
76             195            200            205
79 Lys His Pro Glu Ser Glu Trp Pro Phe Leu Ile Ile Thr Asp Leu Phe
80             210            215            220

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83 Leu Lys Ser Pro Glu Leu Val Gln Ala Met Phe Pro Lys Leu Asn Asn
84 225                230                235                240
87 Gln Glu Arg Val Thr Leu Leu Asp Leu Met Ile Ala Lys Ile Thr Ser
88                245                250                255
91 Asp Glu Pro Leu Thr Lys Asp Asp Ile Pro Val Phe Leu Arg His Ala
92                260                265                270
95 Glu Leu Ile Ala Ser Thr Phe Val Asp Gln Cys Lys Thr Val Leu Lys
96                275                280                285
99 Leu Ala Ser Glu Glu Pro Pro Asp Asp Glu Glu Ala Leu Ala Thr Ile
100                290                295                300
103 Arg Leu Leu Asp Val Leu Cys Glu Met Thr Val Asn Thr Glu Leu Leu
104 305                310                315                320
107 Gly Tyr Leu Gln Val Phe Pro Gly Leu Leu Glu Arg Val Ile Asp Leu
108                325                330                335
111 Leu Arg Val Ile His Val Ala Gly Lys Glu Thr Thr Asn Ile Phe Ser
112                340                345                350
115 Asn Cys Gly Cys Val Arg Ala Glu Gly Asp Ile Ser Asn Val Ala Asn
116                355                360                365
119 Gly Phe Lys Ser His Leu Ile Arg Leu Ile Gly Asn Leu Cys Tyr Lys
120                370                375                380
123 Asn Lys Asp Asn Gln Asp Lys Val Asn Glu Leu Asp Gly Ile Pro Leu
124 385                390                395                400
127 Ile Leu Asp Asn Cys Asn Ile Ser Asp Ser Asn Pro Phe Leu Thr Gln
128                405                410                415
131 Trp Val Ile Tyr Ala Ile Arg Asn Leu Thr Glu Asp Asn Ser Gln Asn
132                420                425                430
135 Gln Asp Leu Ile Ala Lys Met Glu Glu Gln Gly Leu Ala Asp Ala Ser
136                435                440                445
139 Leu Leu Lys Lys Val Gly Phe Glu Val Glu Lys Lys Gly Glu Lys Leu
140                450                455                460
143 Ile Leu Lys Ser Thr Arg Asp Thr Pro Lys Pro
144 465                470                475

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147 <210> SEQ ID NO: 2

148 <211> LENGTH: 1971

149 <212> TYPE: DNA

150 <213> ORGANISM: HUMAN

152 <400> SEQUENCE: 2

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155 ggcggcggtt agggctgtgt agggcgaggc ctcccccttc ctctctcgcca tctactctct      120
157 cctctctcgt catctctccc ctctgtcttc ctgccttcc tctctctcgt caggctcgac      180
159 ccagctgtga gggcaagat ggcggcgccc aggcgcgcgc ctgccaggct gtcgggcgtc      240
161 atggtgcccg cgcccatcca agacctggag gccctgcgcg cgtcacggc gctcttcaaa      300
163 gagcagcgga accgagaaac agcaccagg actatcttcc aaagagttct ggatattcta      360
165 aagaaatctt ctcatgtgtg tgagcttgcc tgccagagat ccatcccaag tggaaaacct      420
167 gcttcagtc tgcagttaat aacagaatgc ttcaggtgtc ttcgcaatgc ttgcatagag      480
169 tgttctgtga accagaattc aatcaggaac ttggatacga ttggtgttgc tgttgatttg      540
171 attcttctgt ttcgtgaact gcgagtggaa caggaatctc tgttgacagc ttttcgctgt      600
173 ggctgcagtc ttttaggcaa cattgcctca cggaatgaag attcccagtc tattgttttg      660
175 gtgcatgctt tcccagaact gtttttgtct tgcttaaata atccggacaa aaaaattgtt      720

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DATE: 02/04/2002

TIME: 20:43:14

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Output Set: N:\CRF3\02042002\I942336A.raw

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179 gagaacctca atattgcaat tgatgtcata gatgcttacc aaaaacatcc tgaatcagaa 840
181 tggccgttct tgattattac agacctcttt ctgaaaagcc cggaattggt acaagccatg 900
183 tttcccaaac tgaacaatca agaaagagtt acactgttag accttatgat agccaagata 960
185 acgagtgatg agccactcac caaggatgac atccctgtgt ttttgcgga tgctgagttg 1020
187 attgcaagca cctttgtgga tcagtgaag actgtgctca agctggcctc tgaggagcct 1080
189 cctgatgatg aggaggcact ggctacaatt aggcttctcg acgtcctgtg cgaaatgact 1140
191 gtgaatactg agctgctcgg ctatctgcag gttttccctg gcttgctgga aagagtgatt 1200
193 gatcttttgc ggggtgattca tgtagctgga aaagaaacca caaacatctt cagtaattgt 1260
195 ggttgctgta gagcagaagg tgacatctcc aatgtggcca atgggtttta gtctcatctc 1320
197 attcgtctga ttggaaatct gtgttacaag aataaagata accaagacaa ggtaaatgag 1380
199 ctggatggta tcccggtgat cctggacaac tgcaacatca gtgacagtaa cccctttctg 1440
201 acccagtggtg tgatatatgc catccgaaac cttaccgaag acaacagcca aaaccaagat 1500
203 ttgattgcaa agatggagga acaggggctg gcagatgcat ccctacttaa aaaagtgggt 1560
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207 ccatgaatga actacatcca aatacctgaa tttttggaat ctgtttcatg gatttttcat 1680
209 cttctaccgt atgtgaaatt gcaagtgttt gaagatttat aagtacaaat ttgggaacat 1740
211 acaaactctt taggtagtag agtttaacgt gtataagcta aaagtgaag taactgagtg 1800
213 ttctcttgtt tctttgcatt aatgtaactg tgtggtttgc ctttgtcccc ctggatagaa 1860
215 cgtgcattta aagaatatat tgtacttact gtgacagcag ataataaacc agtctcttgg 1920
217 agggcaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa a 1971
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222 <212> TYPE: DNA
223 <213> ORGANISM: PRIMERS
225 <400> SEQUENCE: 3
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232 <213> ORGANISM: PRIMERS
234 <400> SEQUENCE: 4
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238 <210> SEQ ID NO: 5
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240 <212> TYPE: DNA
241 <213> ORGANISM: HUMAN
243 <400> SEQUENCE: 5
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246 gcttaaatat ccaactaaaa gactactaga atggattcta ttctattcta ttctattcra 120
248 ttcrattcta ttctattcta ttctattcta ttctattcta ttctttttga gatgaagtct 180
250 ctctatgttg cccaggc 197
253 <210> SEQ ID NO: 6
254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: PRIMERS
258 <400> SEQUENCE: 6
259 tccttctca gtctttctgg 20
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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/942,336A

DATE: 02/04/2002
 TIME: 20:43:14

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF3\02042002\I942336A.raw

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273 <212> TYPE: DNA
274 <213> ORGANISM: PROBES
276 <400> SEQUENCE: 8
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281 <211> LENGTH: 45
282 <212> TYPE: DNA
283 <213> ORGANISM: PROBES
285 <400> SEQUENCE: 9
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289 <210> SEQ ID NO: 10
290 <211> LENGTH: 27
291 <212> TYPE: DNA
292 <213> ORGANISM: PRIMERS
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308 <211> LENGTH: 45
309 <212> TYPE: DNA
310 <213> ORGANISM: MOUSE
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316 <210> SEQ ID NO: 13
317 <211> LENGTH: 45
318 <212> TYPE: DNA
319 <213> ORGANISM: MOUSE
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VERIFICATION SUMMARY

DATE: 02/04/2002

PATENT APPLICATION: US/09/942,336A

TIME: 20:43:15

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02042002\I942336A.raw



1645

RAW SEQUENCE LISTING

DATE: 01/24/2002

PATENT APPLICATION: US/09/942,336A

TIME: 10:01:15

Input Set : A:\P02039US1.txt

Output Set: N:\CRF3\01242002\I942336A.raw

3 <110> APPLICANT: Ashizawa, Tetsuo
 4 Matsuura, Tohru
 6 <120> TITLE OF INVENTION: DNA Test for SCA-10
 8 <130> FILE REFERENCE: P02039US1/10023139
 10 <140> CURRENT APPLICATION NUMBER: US 09/942,336A
 11 <141> CURRENT FILING DATE: 2001-08-29
 13 <150> PRIOR APPLICATION NUMBER: US 60/229,406
 14 <151> PRIOR FILING DATE: 2000-08-31
 16 <160> NUMBER OF SEQ ID NOS: 13
 18 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

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 319 <213> ORGANISM: MOUSE
 321 <400> SEQUENCE: 13
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/942,336A

DATE: 01/24/2002

TIME: 10:01:16

Input Set : A:\P02039US1.txt

Output Set: N:\CRF3\01242002\I942336A.raw

L:325 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:45 SEQ:13